

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5290026
<b>Application Number:</b>	10647163
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	1606
<b>Title of Invention:</b>	Low complexity channel estimation for orthogonal frequency division modulation systems
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<b>Filer:</b>	John-Paul Robert Fryckman/Line Gauthier
<b>Filer Authorized By:</b>	John-Paul Robert Fryckman
<b>Attorney Docket Number:</b>	MP0284
<b>Receipt Date:</b>	06-MAY-2009
<b>Filing Date:</b>	21-AUG-2003
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$310

RAM confirmation Number	6309				
Deposit Account	061050				
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The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)					
<b>File Listing:</b>					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		MP0284_Response.pdf	810287 2ac81a5d09b0d700811216ac0b05ae152a9a4	yes	23
	<b>Multipart Description/PDF files in .zip description</b>				
	<b>Document Description</b>		<b>Start</b>		<b>End</b>
	Amendment/Req. Reconsideration-After Non-Final Reject		1		1
	Claims		2		18
	Applicant Arguments/Remarks Made in an Amendment		19		23
<b>Warnings:</b>					
<b>Information:</b>					
2		MP0284_13361_0048001_IDS.pdf	130870 3a9d78ba70f4d5e83a2428403cfa490a9c05d4	yes	2
	<b>Multipart Description/PDF files in .zip description</b>				
	<b>Document Description</b>		<b>Start</b>		<b>End</b>
	Transmittal Letter		1		1
	Information Disclosure Statement (IDS) Filed (SB/08)		2		2
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	A3.pdf	3638676 77081a0652eb78f96a601b14c054b13d6c0f99	no	91
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	A4.pdf	3723700 9d52551515bdc22384b1c1a0b01b10ab0c3e10a2	no	70
<b>Warnings:</b>					
<b>Information:</b>					

5	Fee Worksheet (PTO-875)	fee-info.pdf	31934 <small>cd24557418bd251840725ee75c9772452b9f4d31c</small>	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			8335467		
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>          If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>          If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>          If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					